

Converting Colors

Yxy(62.3628, 0.2747, 0.2923)

Have a look what the booklet for
Yxy(62.3628, 0.2747, 0.2923)
contains.

Yxy(62.1421, 0.2747, 0.2921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.1421, 0.2747, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	B8D1F1
RGB	184, 209, 241
RGB Percent	72%, 82%, 95%
CMY	0.2786, 0.1803, 0.0548
CMYK	0.24, 0.13, 0.00, 0.05
HSL	214°, 67%, 83%
HSV	214°, 24%, 95%
XYZ	58.4404, 62.1421, 92.1601
YIQ	205.1730, -25.1720, 4.6520

Conversions

Conversions Part 2

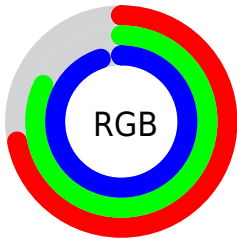
Format	Color
RYB	184, 201, 241
Decimal	12112369
CIELab	82.99, -1.51, -18.52
CIELCh	83, 18.578, 265.346
Yxy	62.1421, 0.2747, 0.2921
Android (android.graphics.Color)	4290302449 (0xFFB8D1F1)
YUV	205.1730, 17.6627, -18.5687
Hunter-Lab	78.8303, -5.6230, -14.1345

Details

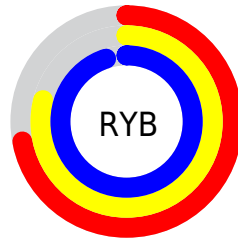
The Yxy color **62.1421, 0.2747, 0.2921** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.2665, 0.3542, 0.3633**, and the grayscale version is **61.0613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **31.6913, 0.2654, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **53.0612, 0.2577, 0.2737**, and if you desaturate by 10%, it is **72.2984, 0.2912, 0.3089**.

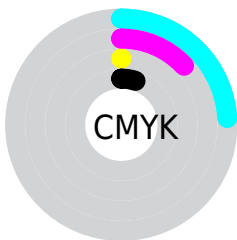
Distribution



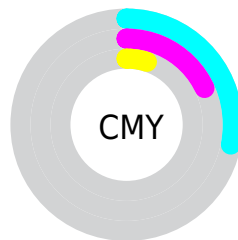
- Red (72%)
- Green (82%)
- Blue (95%)



- Red (72%)
- Yellow (79%)
- Blue (95%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1421, 0.2747, 0.2921 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.1421, 0.2747, 0.2921 by changing the saturation by 10% instead.

■ 62.1421, 0.2747,
0.2921

■ 62.1421, 0.2747,
0.2921

432.4492, 0.2926,
0.3096

■ 45.1475, 0.2706,
0.2880

■ 107.9309, 0.2810,
0.2982

■ 31.5736, 0.2654,
0.2830

137.4939, 0.2834,
0.3006

■ 21.0361, 0.2588,
0.2765

172.0151, 0.2855,
0.3026

■ 13.1504, 0.2502,
0.2680

211.8791, 0.2873,
0.3044

■ 7.5322, 0.2383,
0.2562

257.4700, 0.2888,
0.3059

■ 3.7971, 0.2211,
0.2390

309.1725, 0.2902,

■ 1.5607, 0.1942,

0.3073

0.2119

367.3707, 0.2915,
0.3085

0.3309, 0.1138,
0.1355

0.0000, 0.0000,
0.0000

62.1421, 0.2747,
0.2921

62.1421, 0.2747,
0.2921

53.0612, 0.2577,
0.2737

72.2984, 0.2912,
0.3089

45.0084, 0.2408,
0.2537

83.5598, 0.3071,
0.3239

37.9440, 0.2243,
0.2325

95.7234, 0.3213,
0.3373

31.8219, 0.2089,
0.2106

99.1330, 0.3208,
0.3424

■ 26.5918, 0.1953,
0.1885

■ 22.1969, 0.1839,
0.1671

■ 18.5710, 0.1752,
0.1470

■ 16.6217, 0.1709,
0.1352

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.1421, 0.2680, 0.3040



62.1421, 0.2747, 0.2921



62.1421, 0.2914, 0.2901

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.1421, 0.2747, 0.2921



62.1421, 0.3544, 0.3321



62.1421, 0.3097, 0.3635

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.1421, 0.2747, 0.2921



71.2665, 0.3542, 0.3633

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.1421, 0.3332, 0.3709



62.1421, 0.2747, 0.2921



62.1421, 0.3596, 0.3515

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.1421, 0.2747, 0.2921



62.1421, 0.3376, 0.3127



62.1421, 0.3516, 0.3660



62.1421, 0.2877, 0.3458

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.1421, 0.2747, 0.2921



62.1421, 0.3063, 0.2941



62.1421, 0.3516, 0.3660



62.1421, 0.3177, 0.3673

Sweetspot

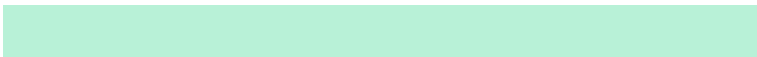
The Sweet Spot groups the original color and five complimentary colors.



62.1446, 0.2747, 0.2921



90.5465, 0.3019, 0.3191



78.0405, 0.2917, 0.3583



19.2126, 0.3009, 0.3182



0.0000, 0.0000, 0.0000



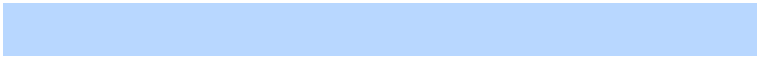
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.1446, 0.2747, 0.2921



65.9328, 0.2673, 0.2842



51.1561, 0.2743, 0.2624



16.3705, 0.2980, 0.3154



9.2689, 0.1717, 0.1381



0.9659, 0.1788, 0.1635

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.5734, 0.3408, 0.3022



60.2784, 0.3476, 0.2969



84.5987, 0.3465, 0.3886



15.8741, 0.3224, 0.3187



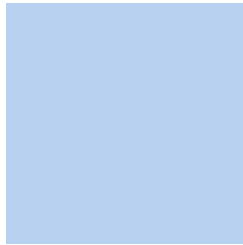
10.7291, 0.5216, 0.2647



0.9122, 0.4887, 0.2466

Previews

White Background



This preview shows how the Yxy color 62.1421, 0.2747, 0.2921 looks on a white background.

Color Contrast Check

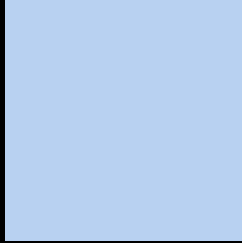
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.1421, 0.2747, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

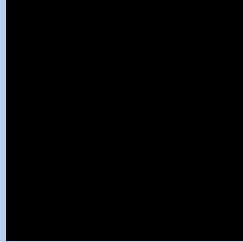
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

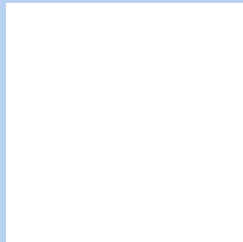
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1421, 0.2747, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 62.1421, 0.2747, 0.2921.



This preview shows how white text looks on a background with the Yxy color 62.1421, 0.2747, 0.2921.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.1421, 0.2747, 0.2921

Protanopia

62.1151, 0.2870, 0.2918

Deuteranopia

61.7997, 0.2899, 0.2828



Tritanopia

62.0137, 0.2807, 0.3089

Trichromacy



Original Color

62.1421, 0.2747, 0.2921

Protanomaly

61.8439, 0.2823, 0.2915

Deuteranomaly

61.8759, 0.2844, 0.2864

Tritanomaly

61.9215, 0.2783, 0.3021

Monochromacy



Original Color

62.1421, 0.2747, 0.2921

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0749, 0.2978, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1421, 0.2747, 0.2921 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 209, 241)` looks like.

```
.text, #text, p{  
    color:rgb(184, 209, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 209, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 209, 241) }
```

Border

The CSS property to change the border of an element to Yxy 62.1421, 0.2747, 0.2921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 209, 241) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 209, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 209, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 209, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 209, 241);  
box-shadow:4px 4px 4px 4px rgb(184, 209,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1421, 0.2747, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 209, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
209, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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